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<400> 9
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Fig. 1

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gtccgggtgt tcgcggtcgg ccgccaccag gtcaccctgg aagagtcgct ggccgaaggt     180
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attaaaaagt atacaactct gtcatacaga gcccctgaaa tgatcaacct ttatggaggg     720
aaacccatca ccaccaaggc tgatatctgg gcactgggat gtctactcta taaactttgt     780
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gctgctccat ttccttctaa acagtag                                       3507
```

Fig. 2

```
Met Lys Lys Phe Ser Arg Met Pro Lys Ser Glu Gly Gly Ser Gly Gly
 1               5                  10                  15
Gly Ala Ala Gly Gly Gly Ala Gly Gly Ala Gly Ala Gly Ala Gly Cys
            20                  25                  30
Gly Ser Gly Gly Ser Ser Val Gly Val Arg Val Phe Ala Val Gly Arg
        35                  40                  45
His Gln Val Thr Leu Glu Glu Ser Leu Ala Glu Gly Gly Phe Ser Thr
    50                  55                  60
Val Phe Leu Val Arg Thr His Gly Gly Ile Arg Cys Ala Leu Lys Arg
65                  70                  75                  80
Met Tyr Val Asn Asn Met Pro Asp Leu Asn Val Cys Lys Arg Glu Ile
                85                  90                  95
Thr Ile Met Lys Glu Leu Ser Gly His Lys Asn Ile Val Gly Tyr Leu
            100                 105                 110
Asp Cys Ala Val Asn Ser Ile Ser Asp Asn Val Trp Glu Val Leu Ile
        115                 120                 125
Leu Met Glu Tyr Cys Arg Ala Gly Gln Val Val Asn Gln Met Asn Lys
    130                 135                 140
Lys Leu Gln Thr Gly Phe Thr Glu Pro Glu Val Leu Gln Ile Phe Cys
145                 150                 155                 160
Asp Thr Cys Glu Ala Val Ala Arg Leu His Gln Cys Lys Thr Pro Ile
                165                 170                 175
Ile His Arg Asp Leu Lys Val Glu Asn Ile Leu Leu Asn Asp Gly Gly
            180                 185                 190
Asn Tyr Val Leu Cys Asp Phe Gly Ser Ala Thr Asn Lys Phe Leu Asn
        195                 200                 205
Pro Gln Lys Asp Gly Val Asn Val Val Glu Glu Glu Ile [illegible] Lys Tyr
    210                 215                 220
Thr Thr Leu Ser Tyr Arg Ala Pro Glu Met Ile Asn Leu Tyr Gly Gly
225                 230                 235                 240
Lys Pro Ile Thr Thr Lys Ala Asp Ile Trp Ala Leu Gly Cys Leu Leu
                245                 250                 255
Tyr Lys Leu Cys Phe Phe Thr Leu Pro Phe Gly Glu Ser Gln Val Ala
            260                 265                 270
Ile Cys Asp Gly Asn Phe Thr Ile Pro Asp Asn Ser Arg Tyr Ser Arg
        275                 280                 285
Asn Ile His Cys Leu Ile Arg Phe Met Leu Glu Pro Asp Pro Glu His
    290                 295                 300
Arg Pro Asp Ile Phe Gln Val Ser Tyr Phe Ala Phe Lys Phe Ala Lys
305                 310                 315                 320
Lys Asp Cys Pro Val Ser Asn Ile Asn Asn Ser Ser Ile Pro Ser Ala
                325                 330                 335
Leu Pro Glu Pro Met Thr Ala Ser Glu Ala Ala Ala Arg Lys Ser Gln
            340                 345                 350
Ile Lys Ala Arg Ile Thr Asp Thr Ile Gly Pro Thr Glu Thr Ser Ile
        355                 360                 365
Ala Pro Arg Gln Arg Pro Lys Ala Asn Ser Ala Thr Thr Ala Thr Pro
    370                 375                 380
Ser Val Leu Thr Ile Gln Ser Ser Ala Thr Pro Val Lys Val Leu Ala
385                 390                 395                 400
Pro Gly Glu Phe Gly Asn His Arg Pro Lys Gly Ala Leu Arg Pro Gly
                405                 410                 415
Asn Gly Pro Glu Ile Leu Leu Gly Gln Gly Pro Pro Gln Gln Pro Pro
            420                 425                 430
Gln Gln His Arg Val Leu Gln Gln Leu Gln Gln Gly Asp Trp Arg Leu
        435                 440                 445
Gln Gln Leu His Leu Gln His Arg His Pro His Gln Gln Gln Gln Gln
    450                 455                 460
Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
465                 470                 475                 480
```

Fig. 2 (continued)

```
Gln Gln Gln Gln Gln Gln His His His His His His His His Leu Leu
                485                 490                 495
Gln Asp Ala Tyr Met Gln Gln Tyr Gln His Ala Thr Gln Gln Gln Gln
            500                 505                 510
Met Leu Gln Gln Gln Phe Leu Met His Ser Val Tyr Gln Pro Gln Pro
        515                 520                 525
Ser Ala Ser Gln Tyr Pro Thr Met Met Pro Gln Tyr Gln Gln Ala Phe
    530                 535                 540
Phe Gln Gln Gln Met Leu Ala Gln His Gln Pro Ser Gln Gln Gln Ala
545                 550                 555                 560
Ser Pro Glu Tyr Leu Thr Ser Pro Gln Glu Phe Ser Pro Ala Leu Val
                565                 570                 575
Ser Tyr Thr Ser Ser Leu Pro Ala Gln Val Gly Thr Ile Met Asp Ser
            580                 585                 590
Ser Tyr Ser Ala Asn Arg Gln Val Phe Phe Gln Ser Val Ala Asp Lys
        595                 600                 605
Glu Ala Ile Ala Asn Phe Thr Asn Gln Lys Asn Ile Ser Asn Pro Pro
    610                 615                 620
Asp Met Ser Gly Trp Asn Pro Phe Gly Glu Asp Asn Phe Ser Lys Leu
625                 630                 635                 640
Thr Glu Glu Glu Leu Leu Asp Arg Glu Phe Asp Leu Leu Arg Ser Asn
                645                 650                 655
Arg Leu Glu Glu Arg Ala Ser Ser Asp Lys Asn Val Asp Ser Leu Ser
            660                 665                 670
Ala Pro His Asn His Pro Pro Glu Asp Pro Phe Gly Ser Val Pro Phe
        675                 680                 685
Ile Ser His Ser Gly Lys Gly Ser Pro Glu Lys Lys Ala Glu His Ser
    690                 695                 700
Ser Ile Asn Gln Glu Asn Gly Thr Ala Asn Pro Ile Lys Asn Gly Lys
705                 710                 715                 720
Thr Ser Pro Ala Ser Lys Asp Gln Arg Thr Gly Lys Lys Thr Ser Val
                725                 730                 735
Gln Gly Gln Val Gln Lys Gly Asn Asp Glu Ser Glu Ser Asp Phe Glu
            740                 745                 750
Ser Asp Pro Pro Ser Pro Lys Ser Ser Glu Glu Glu Glu Gln Asp Asp
        755                 760                 765
Glu Glu Val Leu Gln Gly Glu Gln Gly Asp Phe Asn Asp Asp Asp Thr
    770                 775                 780
Glu Pro Glu Asn Leu Gly His Arg Pro Leu Leu Met Asp Ser Glu Asp
785                 790                 795                 800
Glu Glu Glu Glu Glu Lys His Ser Ser Asp Ser Asp Tyr Glu Gln Ala
                805                 810                 815
Lys Ala Lys Tyr Ser Asp Met Ser Ser Val Tyr Arg Asp Arg Ser Gly
            820                 825                 830
Ser Gly Pro Thr Gln Asp Leu Asn Thr Ile Leu Leu Thr Ser Ala Gln
        835                 840                 845
Leu Ser Ser Asp Val Ala Val Glu Thr Pro Lys Gln Glu Phe Asp Val
    850                 855                 860
Phe Gly Ala Val Pro Phe Phe Ala Val Arg Ala Gln Gln Pro Gln Gln
865                 870                 875                 880
Glu Lys Asn Glu Lys Asn Leu Pro Gln His Arg Phe Pro Ala Ala Gly
                885                 890                 895
Leu Glu Gln Glu Glu Phe Asp Val Phe Thr Lys Ala Pro Phe Ser Lys
            900                 905                 910
Lys Val Asn Val Gln Glu Cys His Ala Val Gly Pro Glu Ala His Thr
        915                 920                 925
Ile Pro Gly Tyr Pro Lys Ser Val Asp Val Phe Gly Ser Thr Pro Phe
    930                 935                 940
Gln Pro Phe Leu Thr Ser Thr Ser Lys Ser Glu Ser Asn Glu Asp Leu
945                 950                 955                 960
```

Fig. 2 (continued)

```
Phe Gly Leu Val Pro Phe Asp Glu Ile Thr Gly Ser Gln Gln Gln Lys
                965                 970                 975
Val Lys Gln Arg Ser Leu Gln Lys Leu Ser Ser Arg Gln Arg Arg Thr
            980                 985                 990
Lys Gln Asp Met Ser Lys Ser Asn Gly Lys Arg His His Gly Thr Pro
        995                 1000                1005
Thr Ser Thr Lys Lys Thr Leu Lys Pro Thr Tyr Arg Thr Pro Glu Arg
    1010                1015                1020
Ala Arg Arg His Lys Lys Val Gly Arg Arg Asp Ser Gln Ser Ser Asn
1025                1030                1035                1040
Glu Phe Leu Thr Ile Ser Asp Ser Lys Glu Asn Ile Ser Val Ala Leu
                1045                1050                1055
Thr Asp Gly Lys Asp Arg Gly Asn Val Leu Gln Pro Glu Glu Ser Leu
            1060                1065                1070
Leu Asp Pro Phe Gly Ala Lys Pro Phe His Ser Pro Asp Leu Ser Trp
        1075                1080                1085
His Pro Pro His Gln Gly Leu Ser Asp Ile Arg Ala Asp His Asn Thr
    1090                1095                1100
Val Leu Pro Gly Arg Pro Arg Gln Asn Ser Leu His Gly Ser Phe His
1105                1110                1115                1120
Ser Ala Asp Val Leu Lys Met Asp Asp Phe Gly Ala Val Pro Phe Thr
                1125                1130                1135
Glu Leu Val Val Gln Ser Ile Thr Pro His Gln Ser Gln Gln Ser Gln
            1140                1145                1150
Pro Val Glu Leu Asp Pro Phe Gly Ala Ala Pro Phe Pro Ser Lys Gln
        1155                1160                1165
```

Fig.

```
cgggccaggg gcggcgaccc ctcgcggacg cccggctgcg cgccgggccg gggacttgcc      60
cttgcacgct ccctgcgccc tccagctcgc cggcgggacc atgaagaagt tctctcggat     120
gcccaagtcg gagggcggca gcggcggcgg agcggcgggt ggcggggctg gcggggccgg     180
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```

Fig. 3 (continued)

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Fig. 4

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